

'Industry Must Change To Meet Changing Problems' Says Mason



"ANY APPROACH to managing a business enterprise must be a constantly changing one," Birny Mason Jr., UCC President, told the Tennessee Industrial Personnel Conference. The conference was held in Gatlinburg, April 5, 6, at the Riverside Hotel.

Addresses Conference At Gatlinburg Meet

Union Carbide Corporation President Birny Mason Jr. visited briefly in the Y-12 plant Friday, April 6. President Mason had spoken the night before at the Tennessee Industrial Personnel Conference in Gatlinburg. Also visiting with the UCC head was Morse Dial Jr., assistant secretary and assistant treasurer of Carbide.

The two Carbide officials, along with representatives from the other installations and the Atomic Energy Commission, had lunch in Y-12. The group made brief tours of the Oak Ridge Gaseous Diffusion Plant, Y-12, and Oak Ridge National Laboratory, before Mason and Dial returned to New York.

Tie With Tennessee

President Mason outlined Union Carbide's close association with Tennessee at the banquet address before Tennessee industrialists in pointing out the National Carbon, Visking and Olefins Divisions within the state boundaries, as well as the Atomic Energy Commission facilities operated by UCC here in Oak Ridge.

His topic was "Effective Management." Any approach to managing a business enterprise must be a constantly changing one, he pointed out. "It can not remain static or fixed, but must be continually modified in order to cope with the ever-changing nature of the problems to be met. This does not mean that an organization need be in a constant state of confusion and upheaval, with precipitous and impetuous changes in concept, but rather it means that a form of organization should be adopted that appears to be most suitable for the business, and provision then made for constant refinement and adaptation to future requirements."

Pressures Increase

In reviewing the problems that

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H2SO4 Plant Added At Uravan UCNC Mine

Union Carbide Nuclear Company's 125-ton capacity sulphuric acid plant at Uravan, Colo. is scheduled for completion in mid-October of this year. The acid is used in the leaching circuit for the extraction of the uranium from uranium ore. The on-site plant is expected to supply the full requirements for the mill.

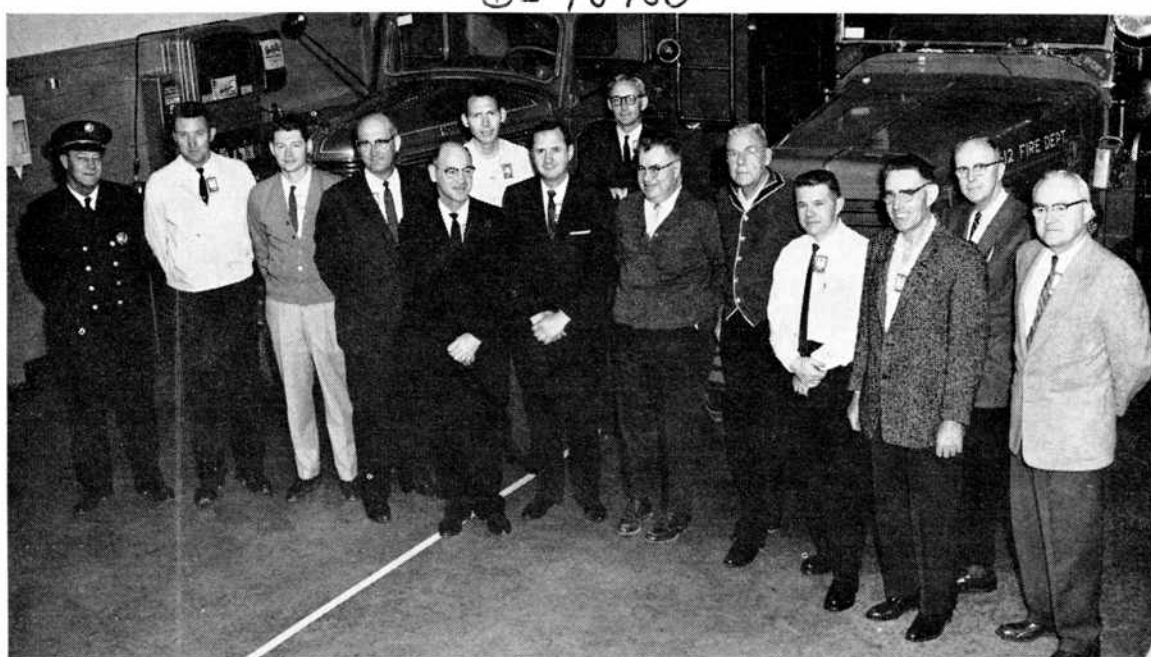
Young Crosby Daughter Holds Swim Certificate

The youngest holder of a Red Cross beginner's swimming certificate is two-year-old Mary Frances Crosby, only daughter of Bing and Kathy Crosby. The young swimmer began her first swimming lessons at the age of 10 months.

ORNL



CARBIDE OFFICIALS ATTENDING THE Y-12 luncheon Friday, April 6, are from left J. A. Swartout, assistant ORNL director; Director Alvin M. Weinberg; Morse Dial Jr., assistant secretary and assistant treasurer, UCC; Birny Mason Jr., president, UCC; C. E. Larson, vice president, UCNC; R. A. Winkle, Paducah plant superintendent; J. P. Murray, manager of production; and Robert G. Jordan, Y-12 plant superintendent.



CLEAN-UP WEEK COORDINATORS at their recent meeting in the Fire and Guard Headquarters are shown from left, Capt. H. W. Krouse; T. A. Gardner, Maintenance Division; W. A. Pfeiler, Development; W. Y. Gissel, ORNL; H. T. Greene, Chemical Operations; A. E. Pugh, ORNL; Fred Harmon, Engineering; R. S. Rucker, Mechanical Operations; W. H. Hoose, Technical; H. Keese, ORNL; J. R. DeMonbrun, PSS and Utilities; W. O. Chandler, ORNL; Jack Garland, Finance and Materials; and R. Helton, ORNL. Spring Clean-Up Week has been designated as from April 22 through 28, starting Sunday.

Spring Heralds Clean-Up Activities In Y-12 As Coordinators Plan 'Spruce-Up' Inspection

An expression synonymous with Spring is cleaning! Y-12 is gearing for Spring Clean-Up Week set for April 22 through 28, or next week. During the winter months much rubbish, including miscellaneous materials no longer needed, accumulate both inside and outside the buildings.

Attics, basements, lockers, cabinets, and even work areas, usually need a thorough cleaning at

this time of year. In an industrial plant, as well as in the home, good housekeeping can accomplish great improvements in fire safety and work efficiency. With everyone's effort working together and putting forth a little extra effort, the areas in Y-12 can be put in good order.

Coordinators Named

In meeting with the coordinators last week Captain H. W. Krouse stressed the part individual's play in a mass effort such as this. He suggested that coordinators meet with members of the Fire Prevention Department and plan thorough activities to encompass all Spring Clean-Up activities. Inspections will be made throughout the plant, and reports turned in to the Fire Department for action.

The following coordinators were announced:

T. A. Gardner, Maintenance Division, Building 9720-6.

Jack Garland, Finance and Materials, Building 9720-8.

H. T. Greene, Chemical Operations, Building 9201-4.

Fred Harmon, Engineering Building 9201-5.

C. E. Johnson, Industrial Relations, Building 9704-2.

James R. DeMonbrun, Shift Superintendents and Utilities, Building 9764.

W. H. Hoose, Technical, Building 9704-2.

W. A. Pfeiler, Development, Building 9203.

R. S. Rucker, Mechanical Operations, Building 9998.

W. Y. Gissel, ORNL-Y-12 Coordinator, Building 9204-1.

Howard Hicks, ORNL Biology, Building 9207.

R. Helton, ORNL Reactor Projects, Building 9201-3.

H. Keese, ORNL Stable Isotope, Building 9204-3.

A. E. Pugh, ORNL Electro-nuclear Experimental, Building 9201-2.

W. C. Tunnell, ORNL Neutron Physics, Building 9213.

Captain Krouse also emphasized

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Six Bulletins Missing From Permanent Files

Six copies of The Bulletin are missing from current files. The dates of March 25, April 1, 8, 15, 22 and 28, all in 1947. These six weeks are the last days of Tennessee Eastman's management of Y-12. The first Carbide issue of the paper is dated May 6, 1947. If an employee has any or all of the six missing issues he could bring the files up to completion and gain the gratitude of a frustrated editor.

Metals Society Meets Tonight

The Oak Ridge Chapter of the American Society for Metals will meet in a dinner session tonight, April 18, at the Holiday Inn, Oak Ridge. Dinner is slated for 6:15 p.m., with the technical meeting set for 8 p.m.

The speaker will be John E. Kunzler, head of the metal physics research department of Bell Telephone Laboratories. He is responsible for a metallurgical research group investigating the physics of crystalline states.

Kunzler is a member of the American Physical Society, the American Chemical Society, and Alpha Chi Sigma, professional fraternity. He is a graduate of the University of Utah, and holds a PhD degree from the University of California, Berkeley.

ASM folks are marking on their calendars two special dates . . . May 3 and 4, when the Southern Metals Conference will be held in Clemson, S. C.; and May 25 which will be Ladies' Night at the Rathskeller Restaurant, Knoxville.

Friday Is Holiday As Good Friday Observed

Friday, April 20 is an official holiday for Y-12ers. No employee will be required to work except those required for the continuous operation and protection of the plant.

Good Friday commemorates the day that Christ was crucified, and is always the Friday before Easter Sunday. Easter is determined by marking the first Sunday after the first full moon that falls on or next to the vernal equinox. It coincides with the Jewish Passover time. It was during the celebration of the Passover that the Lord was captured and put to death by his enemies.

The Bulletin

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Googin's Twisting Days Are Over!!

Chemistry Development folks are having a laugh these days ... at someone else's expense. It's all in fun, however, and is passed along so other Y-12ers can stop worrying about the crutches Dr. John Googin carries about with him, and the huge cast binding his foot.



J. Googin

Googin wasn't hurt in an automobile, wasn't gardening, or playing touch football. He was doing the twist! The sensational dance created in New York not too long ago is rather strenuous, but this is the first acknowledged injury sustained hereabouts. And it's back to the waltz, the fox-trot, and the two-step for Googin, he says, as soon as he gets rid of that clumsy cast.

The athletic Googin lives with his wife and daughters at 111 Orkney Rd., Oak Ridge.



Get well wishes are sent to the following Y-12ers who were patients last week in the Oak Ridge Hospital.

W. S. Milligan, General Machine Shop; Leonard C. Miller, Sunflower Foundry; Patrick O. Murphy, Alpha Five Machine Shop; James H. Oldham, Tool Grinding; H. L. Morgan, Receiving; Paul Abner, Heavy Equipment Maintenance; Doris Willey, General Machine Shop; Warren H. Asbury, Graphite Shop.

22nd Psalm Was Quoted From Cross By Jesus

One of the seven last utterances from the cross by Jesus was a quotation from Psalms. When he cried, "My God, my God, why hast thou forsaken me?" he was giving the opening to the twenty-second Psalm that goes on "Why art thou so far from helping me, and from the words of my roaring? O my God, I cry in the daytime, but thou hearest not; and in the night season, and am not silent. But thou art holy, O thou that inhabitest the praises of Israel."

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
25 Days Or
815,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through April 15
Phone 7755
For Daily Report
On Accident-Free Hours



Has anyone else seen that dog in Y-12? If you'll work over (say about two hours) you can see him, and he's wild as a buck! Wonder if he is cleared to wander all over the plant. He looks about half-grown and is of some hound vintage. His breed, however, is just wild guessing.

He can't be coaxed or called, seems scared of people. With some coaxing reporters in Y-12 came up with the following in ...

MAINTENANCE

Electrical has **Melvin Whited** strutting around bragging about his brand new grandson, **Richard Allen Schill**. Proud parents are his daughter **Pat** and hubby **Harry Schill** of Oak Ridge. The little fellow made his debut at Oak Ridge Hospital on April 10, and weighed in at seven pounds, 10 ounces. Grandpa says mother and baby are doing fine and he expects the father to recover shortly. He also reports little **Richard** arrived bare-foot and toothless ... **A. B. Currens** is spending his vacation just working around home on his new basement "play room" and will journey to the Blue Grass Country (Kaintuck, that is) for a few days. **W. W. Bradshaw** is traveling to Rhode Island this week to bring home his son who is being discharged from the Seabees; and there'll be just a lot of catchin' up to do the remainder of his vacation ... **E. L. Turnbull**, **J. W. Fritz** and **M. C. Gore** all report plans to putter around the house on vacation. Better watch it, men, there's a lot of "spring cleaning" left to be done! ... Everybody get the ole rod and reel shined up ready for action. **E. E. Cook** reports a forthcoming fishing rodeo to be held from 6 p.m. May 11 until 6 p.m. May 12 at Andersonville Park Boat Dock. There will be loads of prizes and fish, or at least Electricalites are hoping so.



Allen Coggins

This is **Allen Coggins**, young son of **Bill Coggins**, Salvage. Allen placed high in the Physical Science section of the Knox Science Fair held recently in Knoxville. His display on caves of Tennessee won a Certificate of Excellence from the judges. Allen has developed a healthy interest in caves and has just been named president of the Junior Spelunkers' Association in Oak Ridge. He is in the ninth grade at Jefferson Junior High.

Research Services Department is sending best wishes to **H. E. Robins**, ill ... Sympathy is extended to **C. C. Bowman** whose father-in-law died recently ... Also to **Helen Sisson** in the death of her brother ... **J. T. Schmitt** and his family are vacationing in the blue-grass state of Kentucky. Area Five Maintenance folks are sending condolences to "Shady" Payne in the recent death of his grandmother ... **M. D. Story** reports that everything was O.K. in Kansas last week ... "Randy" Hudson says that he can prove to anyone just how dangerous a lawn mower can be since he almost lost a finger in one!

The gifts of Mother Nature are so often snatched away by Father Time!

TECHNICAL

The Beta Four Special Projects folks send word that **George Drevik** spent a week at home vacationing in Clinton to get acquainted with the new bambino that arrived to liven up the household ... **Dick Cawood** fell victim to the pudgy muddles recently and was also at home ... whatever the pudgy muddles are! **Margaret Williams'** youngun is an old-fashioned miss, a firm supporter of the "get a horse" as-senters. Only she settled for a pony named **Thunder** ... a child's dream come true.

Radiation Safety bade adieu last Friday to **Connie Mills**, as she terminated to devote her time to housekeeping. They used part of the Safety Meeting to honor her with gifts.

Courtesy is the ability to listen to a story you have already heard 15 times. Heroism is the ability to laugh!

INDUSTRIAL RELATIONS

The Fire and Guard Department reports **Guard M. N. Wilkerson** going on a two weeks cruise on the **USS Antietam** (the Yankees lost that battle, by crackie!). He will embark from Pensacola, Fla., and will have the rough assignment of cruising in the balmy Caribbean!

A waiter is a man who believes that money grows on trays.

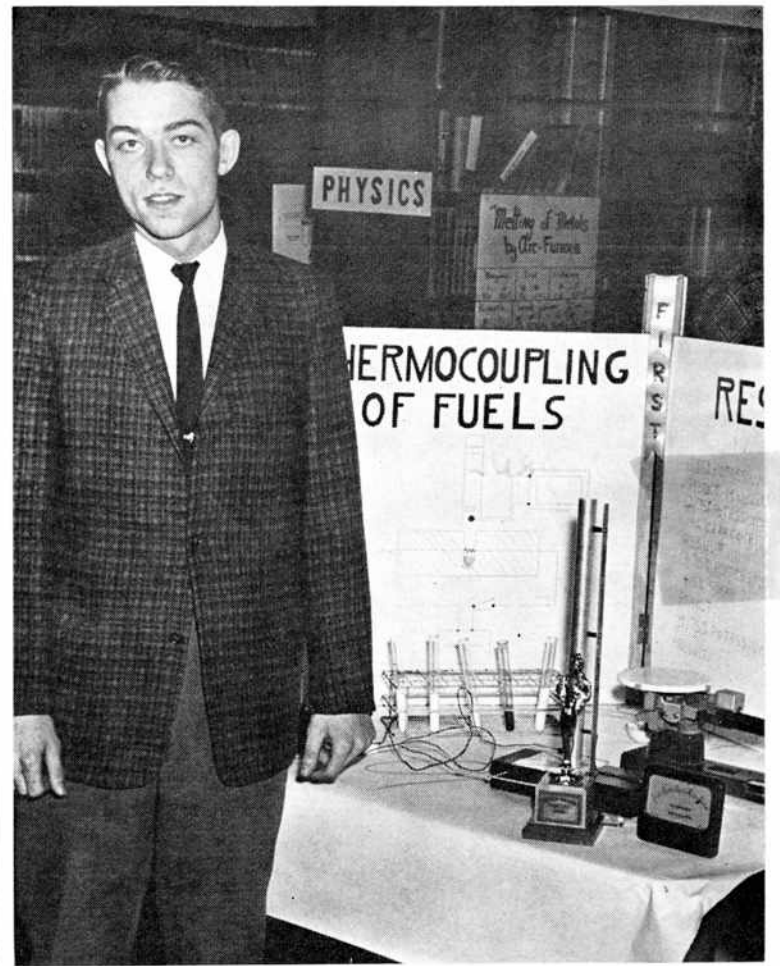
MECHANICAL OPERATIONS

Production Control produces news that they're all glad to see **Gil Jamieson** and **Kathy Mills** back after their sick spells in the "hospital" ... Get well wishes to **Harold Babb** who suffered injuries in a car accident on a vacation trip to Hamilton, Ohio ... Vacationers include **Elbert Lockhart** and **Frank Haynes** around home in Knoxville ... **Ernie Kennedy's** group had a stag party the other night for **Buddy Scott** at the Kennedy house. All the male population of that group attended and had a fine time of it bidding **Buddy** good wishes for his new marital (or is it martial) life ... **Tom Norris**, **Bob Harris**, **Jeanne Cothron**, and **Kathy Mills** are gracing the footlights in this year's Jaycee Follies.



Yvonne La Dell Cook

THIS happy little miss was almost a Christmas present at the **R. W. Cook** household. She arrived December 22, 1961 at Oak Ridge Hospital. The proud papa is in Y-12's TW Shop, Building 9215. The Cooks live at 403 Pennsylvania Ave., Oak Ridge.



LARRY JONES IS SHOWN with his prize-winning Science Fair display in the recent competition at Clinton High School. Young Jones is the son of Mrs. Iva Jones, Y-12's Product Processing. The senior plans to attend Tennessee Polytechnic Institute in the fall, after his graduation from Clinton.

(Photo, courtesy of Clinton Courier-News)

Y-12er's Son Takes Top Honors In Clinton High School Science Fair On Thermocouples

Mrs. Iva Jones Proud Of Son Larry's Achievement In 135-Entry Competition For 1962 School Year

A Y-12er's son has come up with top honors in the Science Fair held at Clinton High School. Larry Jones, a senior, won the grand prize for his first place physics division entry on thermocouples. Young Jones is the son of Mr. and Mrs. Melvin Jones, Clinton. His



Larry Lynn Reed

So sleepy this one didn't even want to have his picture made! He is **Larry Lynn Reed**, born March 31, 1962 the son of Mr. and Mrs. **Cecil L. Reed**. Cecil is in the Sunflower Shop. Little Larry weighed eight pounds, 11 ounces on his arrival.



David Warren Blevins

Here's the picture promised from last week's announcement. Continued on Page 4

mother, Mrs. Iva Jones, is in Y-12's Product Processing in the Chemical Operations Division.

The Science Fair at Clinton High was under the direction of **Barbara Ervin**, and had 135 entries in the three divisions of general science: biology, chemistry and physics.

Judge Lewallen Presides

Toastmaster at the awards dinner was **Judge Buford Lewallen**, judge of Trial Justice and Juvenile Courts for Anderson County. In praising the young science enthusiasts, Judge Lewallen stated: "These young people we honor tonight may someday take their place in the United States space effort as well as in the other phases of science."

Following the dinner and presentation of the awards, an open house was held in the school library to permit viewing and demonstration of the various science projects.

Plans To Attend TPI

Larry, the outstanding science student, plans to enter **Tennessee Polytechnic Institute**, Cookeville, this fall, where he hopes to pursue the studies of science.

Judges in the contest at Clinton included **Dr. Royal Shanks**, University of Tennessee, and **Carl Hatmaker**, an electrical engineer for the Tennessee Valley Authority.

The awards dinner was held in the school cafeteria.

Savannah Will Run 3½ Years With One Core

The Savannah, the world's first nuclear-powered cargo-passenger ship, is fueled with 17,000 pounds of enriched uranium oxide. The reactor is designed to produce 20,000 shaft horsepower for a normal speed of 20 knots. The ship is expected to be able to cruise for three and one-half years on one core of uranium fuel.

Fore! . . . Fore! . . . Fore!

Beaver Brook Is Scene For First Y-12 Golf Tournament Set For April 28th

Rules Of Play Established By Tournament Committee To Govern All Future Contests

With all the pros home from Augusta, it's time Y-12 settles down to business and gets its first golf tournament underway. It's set for Saturday, April 28, at Beaver Brook Country Club. The 18-hole course offers traps and greens for all the birdies, bogies, and whatnot that Y-12 golfers may have to offer.

Open to all Y-12 employees, whether they have established a

handicap or not, the big event is opening the door for tee-off times tomorrow, Thursday, April 19. Recreation will open its doors at 7:30 a.m. sharp and will take reservations for tee-times in person. **This is not as was announced in last week's Bulletin to be done by telephone.** An individual may sign for a foursome, and the times will be given on a first-come-first-served basis.

In a meeting last week the Golf Tournament Advisory Committee met and established tournament rules. The committee consists of Bill Mee, Ed Ellis, Everett Rogers, Irv Speas and Biv Bailey.

United States Golf Association Rules will govern tournaments and all golfers are advised that there will be a two-stroke penalty for a ball out of bounds, an unplayable lie, and for a lost ball.

Maximum handicap will continue to be 26 as during the past years. Handicaps will be 70 per cent of the difference between the scratch score and par of the low three scores of the last four games. All previous handicaps will be dropped after the Beaver Brook tournament and new ones will be established from that play.

Guests At Club

Golfers are again asked to observe course rules and good golfing etiquette while on the Beaver Brook greens. You will be a guest at the country club, and it is expected that you will act as one.

Any employee who has not played tournament or league golf before in the plant will shoot scratch and establish a handicap.

Some rules established by the Golfing Committee include:

Play without delay.
Let a foursome behind play through if you are delayed and the next tee is open.

Replace all divots and repair all ball marks on greens . . . you would expect others to do this on your own course.

Do not drop or throw the flag-

Rollmasters Roll Into Second Place

Action in the Wednesday 5:45 League for Carbide bowlers finishes up this week. The Planners from ORGDP have the league cinched as they are too far ahead of Y-12's Rollmasters to be effected by adverse play.

The Rollmasters last week moved into second place by taking the Cast-Offs for three points.

The high individual scratch game was rolled by Millard Gibson, Pirates, as he posted a 221, and tied with O. J. Gaines, Mix-Ups for high handicap game, each having 248. George Cantrell, Rollmasters, took the high series scratch honors with a 592, while O. J. Gaines, Mix-Ups, took high individual handicap series with a 680. High handicap scores were taken by the Pirates with 1032, and the Mix-Ups with 2951.

League standings follow:

Team	W	L
Planners	81½	46½
Rollmasters (Y-12)	75	53
Head Pins	74	54
Mix-Ups	74	54
Cast-Offs	64½	63½
Wallops	62½	65½
Sandbaggers	62	66
Woodpeckers	61½	66½
Lab Demons	61	67
Pirates	57	71
Wacos	50	78
Rookies	45	83

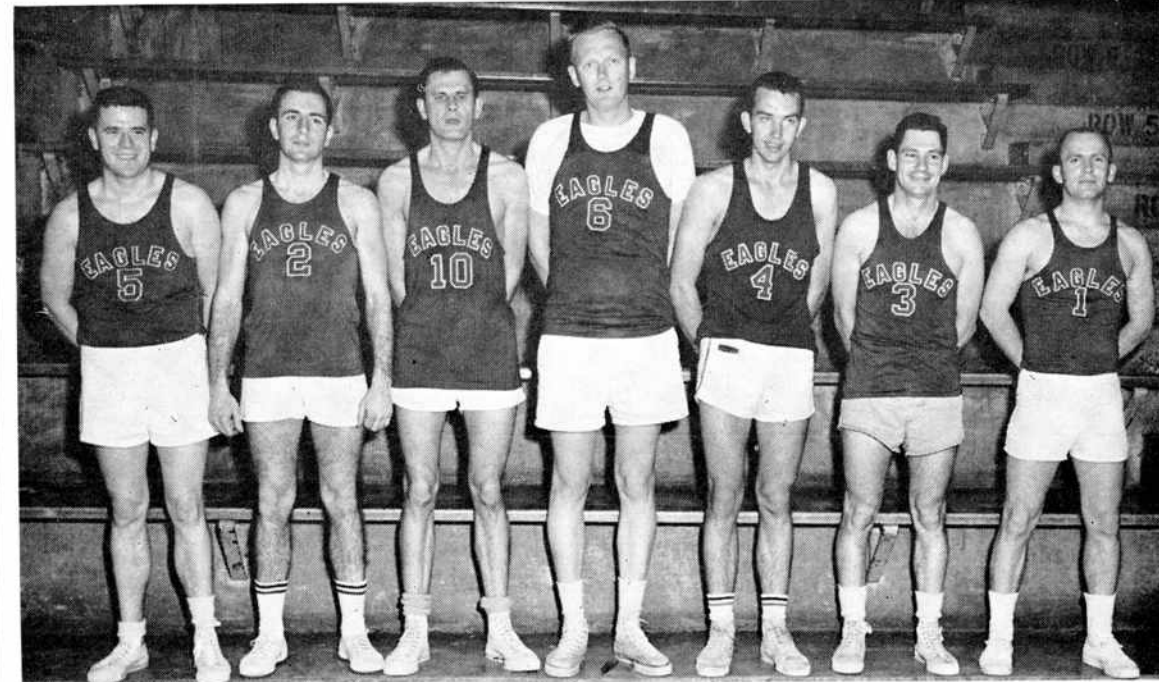
stick on greens. No golf carts or bags are allowed on greens.

Keep Records Current

Notify the Recreation Office of any changes in your foursome and/or cancellations as soon as possible.

The tee-off times at Beaver Brook will range from 6:30 a.m. until 10:30 a.m. approximately. So pick your time and come on up to the Recreation Office and get a choice time. That's tomorrow morning at 7:30 a.m.

6-10939



FIGHTING RIGHT DOWN to the wire were the American Eagles, another champion Y-12 team in the basketball fracas recently finished. From left the Eagles are John Pridgeon, Dan Greaser, Ralph Vaughan, Charlie Hamrin, Jim Pugh, Dick Huber and Jim Bryson. The Eagles lost to the Y-12 Atoms in the final tournament game.

Len Hart Takes All-Carbide Tops

Tournament Sees Few Y-12 Trophies

Trophies for Y-12ers came rather slowly in the All-Carbide Bowling Tournament. No team trophy was awarded any Y-12 group in the initial week-end of the three-plant race.

Champion Len Hart came out on top of the All Events Scratch division . . . as he posted a 1736 high. Don Branson took the handicap All Events trophy with a 1889.

Len Hart and Harold Zang took doubles scratch honors with a 1091 score. Clyde Clowers and Lloyd Wyatt tied with an ORGDP pair for doubles handicap tops with a 1231 score.

The ORGDP team, the Rookies in the Kingston League, took top scratch team honors with a 2606 score; while the Pockets from ORNL took handicap tops with a 2928.

Calcium May Affect Trout, Study Shows

Calcium content of water may turn out to be the key to better trout fishing in Tennessee. Recent studies conducted by the United States Fish and Wildlife Service and cooperating state agencies revealed the effect of low calcium waters on stocked trout. The series of experiments included the placement of trout from high calcium content hatcheries into streams and lakes with very low calcium content. From the studies, which have ranged over a two year period in various sections of the Southeast, the fisheries men say that indications from the experiments may account in part for the high shock mortality death rate of some of the trout transplanted.

The last experimental phase of the research project recently completed on Little River in Blount County involved the release of some 3,000 rainbow trout in the river near the Great Smoky Mountains National Park. Of the number of fish liberated, 2,000 were small fingerling trout and 1,000 were adult or keeper size fish.

CHOPPER LIFTS

Helicopters are credited with nearly 10,000 evacuations and rescues of Allied troops during the Korean conflict.

The help of everyone is needed for proper security — and is appreciated.

Guttersnipes Finish Second In Kingston

Y-12's only team in the Kingston League for Carbide bowlers tied for second place in final league standings as the alleymen wound up their affairs last week. The Guttersnipes ended by tying the ORGDP Alley Cads with a total of 33 points won, and 27 lost.

High individual scores were swept by Bill Moon, from League-leading Rookies, with 231, 252, 593 and 646 scores. High games by teams were taken by the Alley Cads with handicap game of 1055, and high series handicap scores of 2970.

Final league standings follow:

Team	W	L
Rookies	40	20
Guttersnipes (Y-12)	33	27
Alley Cads	33	27
Could B's	31	29
Head Pins	27	33
Sparemen	16	34

Archers Set First Arrows April 30

The 1962 All Carbide Archery League is scheduled to start Monday, April 30. League matches are to be fired on Monday afternoons at 5 and 5:45 p.m. at the Oak Ridge Sportsmen's Club on the Turnpike. The league will run for 18 consecutive weeks and will be held in two halves. First half winners of both handicap and scratch teams will play second half winning teams for trophies.

Each plant will also present a trophy to the individual who scores the highest scratch game for the season from each of the three plants. Anyone wishing to participate in this league or needing more information should call the league secretary, Bill Bardille, extension 6875, or Zona Wright, at 8-9315.

Y-12 Eagles Drop Volleyball Tilts

The Volleyball Tournament rolled into its final stages last week as Carbide players from the three plants fought it out. Y-12's only team in the race fell two games out of three in competition with the ORSORT team from ORNL. They lost the two games 9-15, 8-15, and won one 15-3.

Other action saw the ORSORTs drop two to the Set-Ups 15-4, 15-2. This eliminates the student team from the tournament.

Previously ORSORT had picked up forfeit wins from the Raiders. Finals between the Set-Ups and the A Shift, ORGDP, was scheduled for sometime this week.

Both Y-12 Teams Fall In D Race

Rodders, Dry Hides Lose To ORNL Teams

Both Y-12 teams in the D League for Carbide bowlers fell mightily last week. The Rodders dropped to the dust at the command of the Beryls. The Dry Hides lost the full four to the Termites. Both winning teams are from Oak Ridge National Laboratory.

Individual highs were taken by W. D. Carden, Sh-Booms, with a 255 handicap game and F. C. Davis, Alley Rams, with a 656 handicap series score. High team handicap tops were taken by Sh-Booms with 2906 series handicap tally.

League standings follow:

Team	W	L
Sh-Booms	32	12
Beryls	28	16
Pin Heads	26	18
ORINS	25	19
Termites	24½	19½
Kemix	24	20
Rodders (Y-12)	22	22
Alley Rams	22	22
Dry Hides (Y-12)	21	23
Gassers	21	23
Hephex	11	33
Guttersnipes	10½	33½

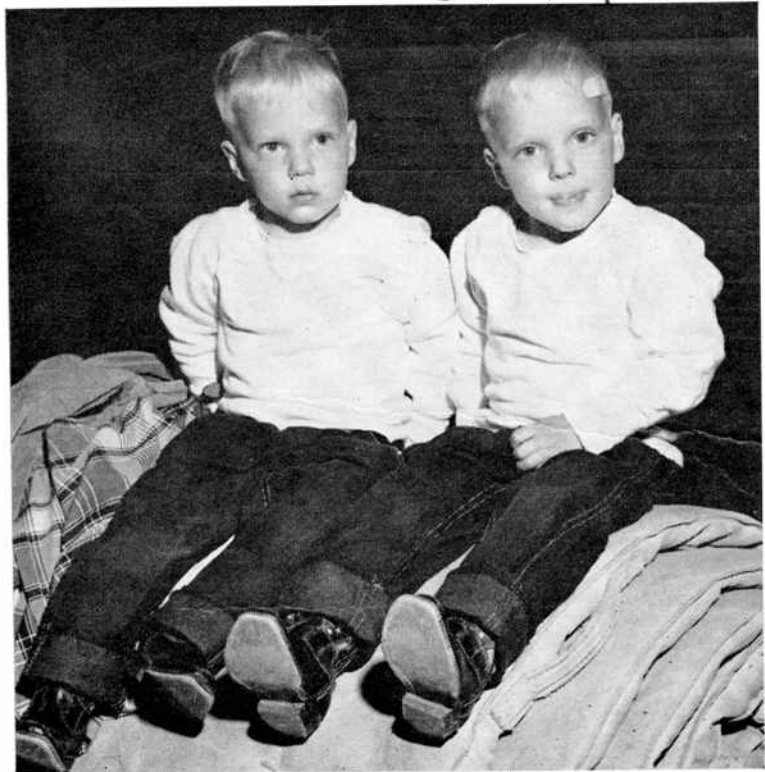
Phew . . . Ramps Are Good This Year

Ramp hunting in the Tellico Mountains should be at its peak during the next two weeks. A check of the area indicates that this season's crop is about the same as that of last year.

Considered by some natives as the ultimate in delicacy of taste, the ramp adds flavor to many mountain dishes. As a basic seasoning for meatloaf, it is much preferred to garlic, and used in water cress salad it changes that vapid greenery into a gourmet's delight. However, any widespread use of ramps from a culinary standpoint will remain negligible for one important reason. One cannot remain breathless after eating them.



"Remember the good old days when we earned thirty bucks a week—and got it?"



INTERESTED SPECTATORS at the recent Carbide Basketball tournament are Steve and Mark Brady, twin sons of Kendall Brady, Special Projects. Their dad told them at the beginning of the game to sit on the mat and not move. They did not move the entire game. Other parents may be interested in Ken's secret. Mark had a bandaid on his face, which made identification easy for the photographer!

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Birny Mason

Continued From Page 1

arise from the current economic situation, Mason pointed out the external pressures such as domestic and foreign competition have increased in almost every field. The effects of this intense competition have shown up primarily as lower prices and higher selling expense, and, in most cases, both. This, of course, means decreased earnings.

"Profits can not decline indefinitely if the industrial complex that has made this country strong is to remain healthy and vigorous," President Mason warned. Businessmen know that they must maintain plants and facilities in good repair, invest in research and development to protect the future of their business, and that they must also construct new and efficient facilities that are needed to maintain the competitive position of their companies."

Costs Must Be Reduced

In order to improve profits under present economic pressures, Mason pointed out that industry must constantly combat declining profit ratios by continuing to reduce costs and improve the efficiency of operations. Further modernization and mechanization of production facilities can help reduce manufacturing costs. Maintenance costs may be reduced by better engineering and the use of newer, more durable materials in plants and equipment.

Looking back over the history of the United States, Mason recalled that Americans have repeatedly had to adjust to the dynamic forces to which they were, at the time, subjected. The pioneering families who built this country were moving along with the changing forces of their time, he observed. So also did the great leaders of American industry, who after the Civil War, built the foundations for the industrial complex we now have.

Management's Responsibilities

Speaking to management, Mason said, "We in industry will, in a few years find ourselves with a quite different employee structure. Employees will be better educated and we will need to place greater emphasis on the motivation and compensation of such people. As the level of education and intellectual accomplishment rises among our employees, we will be forced to give them more individual treatment, provide them with stimulating jobs, as well as greater opportunity for advancement. This is not a complaint. We should do these things anyway."

"To achieve effective management," Mason continued, "It is essential that employees work in an atmosphere where they feel free to innovate, adapt, to change, take risks, and even make mistakes. Again, this is not much different than running a household. If you are to bring up your children to be responsible men and women, you can not persist in making all of their decisions for them."

"If we are to manage our businesses effectively in these changing times, we must continue to be adaptable and flexible rather than embrace any forms of regimentation that will, in the end, stultify and deaden our ability to solve the problems that still lie ahead," Mason concluded.

Y-12ers Celebrating 15, 10 Year Anniversaries

Congratulations to the following Y-12ers who will observe 15 and 10-year anniversaries with Carbide within the next few days.

15 YEARS

Newton L. Waters, Stores Department, April 18.

10 YEARS

Billy M. Heidel, Beta Four Assembly and Forming, April 20.
William B. Crowder, Chemical, April 21.

Dennis L. Moore, Electrical, April 21.

Ralph B. Stonecipher, Beta Two, April 21.

Earl W. Smith, Product Quality Acceptance, April 23.

James E. Bartholomew, Electrical Engineering, April 23.

Calvin H. Goins, Buildings and Grounds, April 24.

Spring Clean-Up

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sized in the coordinators meeting that special emphasis should be placed on all offices, locker rooms, lockers, work shops, tool rooms, boiler rooms, vaults, laboratories, aisles, exits and stairways, access to fire fighting equipment, attics, basements, loading platforms and docks, out-buildings, and premises around buildings.

Special clean-up activities will be given attention all during April in safety meetings throughout the plant.

Salvage Will Assist.

The Maintenance Division will assist in the removal of all accumulated trash or rubbish. For general plant area call the Salvage Department, extension 7972 for the pick up of such trash.

Home safety is also being emphasized in the Spring Clean-Up Drive. Many lives are lost annually because of faulty heating systems, accumulated rubbish, and other conditions that could be corrected. Often these corrections might have prevented the tragic results.

Reduce Classified Documents

Meanwhile, the Security Department advises that clean-up time is also a good time to reduce the holdings of classified documents. Obsolete, unneeded and superseded classified documents may be disposed of by sending those classified Secret to Accountability. Documents classified Confidential and not in accountability may be disposed of in the classified waste containers in the plant. All Top Secret documents must be transmitted to the Top Secret Control Office for disposition.

It is good security practice, as well as efficient business administration, to keep classified files current and uncluttered by obsolete and outmoded information.

Reduce holdings of classified documents during this "sprucing-up" period in the plant. It merely means extending the "clean-up" campaign into the files. Not only will the responsibility for these documents be removed, it will also accomplish a double blessing. More space will be available in the present filing systems.

No Compromise

Information in a properly de-



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He's David Warren Blevins, son of Mr. and Mrs. George Blevins, born in Oak Ridge April 4. His grandparents on his papa's side are Mr. and Mrs. Russel Blevins, both are Y-12ers. Russ is in Electrical, Martha is in the Forming Department.

Advice to sons is never wasted. Just remember that in about 20 years they'll be using it on their sons!

SHIFT SUPERINTENDENTS AND UTILITIES

Vacations have sprung up all over the place, now that Spring has really sprung . . . first it's **B. G. Dyer** and his family visiting his brother and sister in Hammond, Ind. . . **N. W. Evans** and family went to see his wife's folks in Oklahoma City . . . **E. R. Baileys** visited their daughter in Ft. Knox, Ky. . . **J. T. Farmer** and his folks are visiting relatives in Piedmont, Ala. . . **S. Kite** is taking a week in Paw Paw Holler on Douglas Lake, just fishing . . . **H. B. Davis** has two weeks to take in the sights at Cape Canaveral, Daytona Beach and Titusville, Fla. (Folks visiting that section are always warned not to get in some strange looking vehicles!) . . . Vacationing at home and helping with "spring cleaning" are **I. J. Maples**, **J. Y. Burchfield** and **Nick Tronolone**.

J. O. Loy has returned to work after an absence in which he was recuperating from surgery . . . **E. E. Spradlen** is back at work after getting over an auto accident injury.

Bob DeMonbrun is on a diet. One day he got in his father-in-law's pants which were about six sizes larger than what he wears, he thought he had really shed the pounds until he realized the mistake, so it is back on the diet for Bob.

The reason there were fewer wrecks back in the horse-and-buggy days is that the driver didn't have to depend entirely on his own intelligence.

ENGINEERING

Tool Engineering has vacations galore, also. **Gary Martin** took off for Gainesville, Fla. . . Also enjoying the Spring Florida weather are **C. P. Tudor** and his family, who chose Miami . . . **Nora Hurst** is taking one of those (?) vacations, nobody seemed to know where . . . **Mildred Lister** will visit down in Tifton, Ga. over the long week-end . . . Numerical Control has **Buddy** and **Carolyn Brown** smiling over their little son **Randall Scott**, born April 6, at 12:20 p.m. weighing five pounds, one ounce. He made his appearance in Oak Ridge . . . Also added to the list was **Dora Ann Rose**, daughter of **Bob** and **Wanda Rose**. She was born April 6, also, at 10:03 a.m., weighing seven pounds, 13 ounces, and stretching out 20 inches long. She also appeared at Oak Ridge Hospital.

Since when did April showers last two weeks without stopping? Let's go to Knox!

stroyed classified document cannot be compromised.

In the file or the working areas, clean, uncluttered circumstances will bring about a more pleasant, more efficient atmosphere in which to work. Remember, your coordinator is going to inspect your area shortly. Don't be caught short by messy and sloppy working areas!

BEAR IN CAVE

Mammoth Cave, according to tradition, was discovered early in the 19th Century by a hunter who chased a wounded bear into it.



POSTER AWARD WINNERS FOR MARCH are announced by Safety as Mrs. Connie Smith, wife of employee Russell P. Smith, Product Processing, first place winner; and C. W. Sheridan, an Oak Ridge National Laboratory employee in Y-12 at left. They receive their awards from W. Y. Gissel, ORNL-Y-12 coordinator. The Safety Department announces April's contest as "Recreational Safety," with prizes of an electric frypan and a picnic ice chest to be awarded. An ironic note to Mrs. Smith's winning first prize is that in the previous month's contest her husband, Russ, took second place!

March Poster Winners Include Employee's Wife And ORNLite; April Contest Still On

March safety poster winners have been announced, with a Y-12er's wife and an Oak Ridge National Laboratory employee in Y-12 taking first and second places consecutively. Mrs. Connie Smith, wife of Russell P. Smith, Product Processing, took the Corning ware set with her poster on maintaining an interest in safety. C. W. Sheridan, an ORNL employee, took second prize of a golf cart.

Meanwhile, the Safety Department is receiving entries in the April contest. "Recreational Safety" is the announced theme, with prizes of an electric frypan and a picnic ice chest offered as the prizes. First place winner will take his choice of either of these two fine items.

Husband Also Won

Mrs. Smith won first place in the contest in March, her hus-

band took second place in the February contest.

The winning entry each month is adapted for poster use throughout the plant. Many fine posters have been seen during the past months that have been submitted as entries in the fun contest.

Send To Safety

Rules and regulations are simple. Just submit entries to the Safety Department, Building 9704-2. The rules have been printed many times in the Bulletin.

Since safety is everybody's business in Y-12, the poster contest is another manner in which the employee may himself participate in the promotion of safe working habits.

The contest for April closes at 4:30 p.m. Monday, April 30. See that your entry is in before that deadline!

ORGDP Ships Final Puerto Rican Fuel

The Atomic Energy Commission's Oak Ridge Gaseous Diffusion Plant made a final shipment of 1,478 kilograms of uranium recently for use in fuel elements for the BONUS Power Station being built at Rincon, Puerto Rico.

The uranium, enriched to 3.25 per cent in the U-235 isotope, was shipped in the form of uranium hexafluoride to United Nuclear Corporation at Hematite, Mo. The firm will process the material to uranium oxide for subsequent fabrication into fuel elements.

Previous shipments plus this last one make a total of 5,194 kilograms of uranium shipped. Some of the material was enriched to 2.4 per cent.

The BONUS plant is a joint project of the AEC and the Puerto Rico Water Resources Authority. It will generate about 16,000 kilowatts of electric power.



Ride wanted from Georgia-Florida Avenue vicinity (Olney Lane) to Central Portal, straight day. Jane Brown, plant phone 7-8241, home phone Oak Ridge 483-9802.

Ride wanted from West Beaver Creek Drive, Powell section, on Clinton Highway, to West Portal, straight day. C. C. Dinkins, plant phone 7-8248, home phone Powell 947-7732.

C'EST LA BEBE

The French Government awards each new father an extra three-day vacation, plus an equivalent of \$80 at the birth of each new baby.

Good security provides peace of mind.